



Quality concrete

Quest for excellence



**Concrete Batching Plant**



### Standard Supply

- Compartment type aggregate storage bins
- Weighing bin with conveyor
- Charging conveyor
- 0.4 cu. m. compacted output per batch capacity pan mixer
- Cement bag filling hopper with screw conveyor
- Microprocessor base control panel
- Cement weighing hopper
- Aggregate waiting hopper
- Additive weighing container
- Water storage tank
- Water pump & additive pump
- Air compressor

### On Request

- Storage silo for cement / fly ash up to 50 tons
- Silo accessories
- Silo feeding system
- Screw conveyors
- Admixture dosing system

### Salient Features

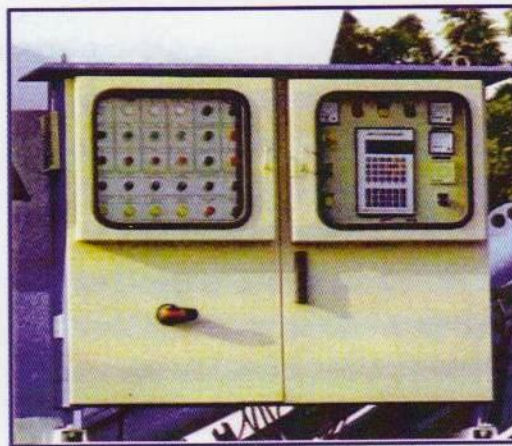
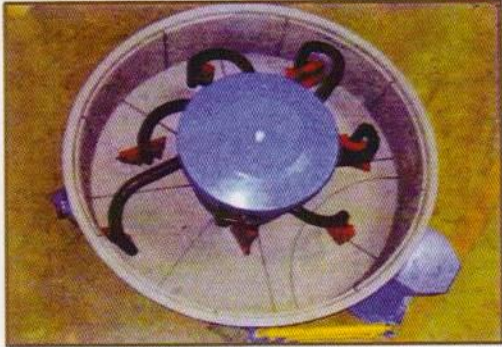
- Trailer Horse towing system including King Pin, Reconditioned axle with leaf spring & Air Braking system
- Substantial energy saving
- Optimum mixing performance
- Easy maintenance and low running cost
- High accuracy weighing system
- **Easy and quick to erect and start**





### Pan Mixer :

- Newly designed Pan Mixer with side scrappers for better mixing.
- The floor & full wall of the mixing cylinders are lined with special wear resistant and replaceable plates with long service life and low operating cost.



### Micro processor base control system :

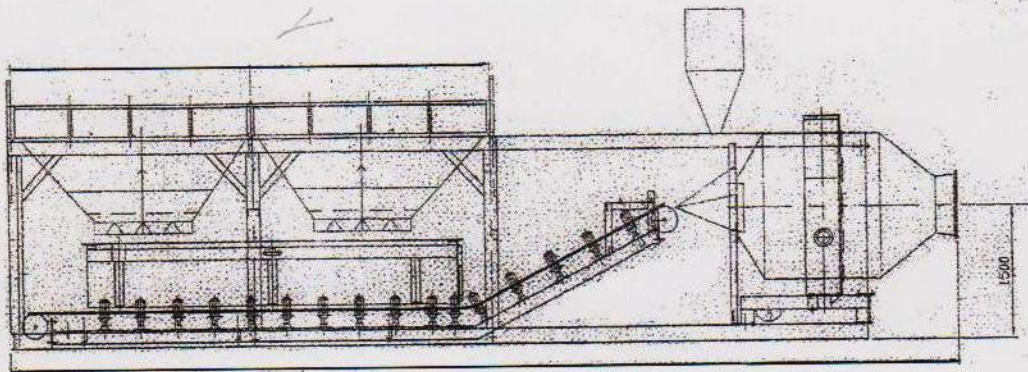
- Micro Processor controller based panel with LCD display.
- All Motors are protected through MCCBs.
- Ammeters for all Critical Motors.





## Technical Specification

<b>1 Concrete Output/hr</b> (Under ideal condition and continuous operation)	20 m <sup>3</sup>
<b>2 Aggregate Storage System</b>	Compartment batch type
a. Aggregate Storage Bins discharge gate / Capacity	4 Nos./ 14 m <sup>3</sup>
b. Vibrator Motor	1 no.
<b>3 Aggregate Weighing System</b>	Yes
a. Weighing Hopper	Yes
b. Electromagnetic Load cell	4 Nos.
<b>4 Aggregate Hopper</b>	Yes
a. Pneumatic Discharge Gate	Yes
b. Hopper Capacity	1000 Kgs.
c. Vibrator Motor	1 No.
<b>5 Mixer Unit</b>	Yes
a. Type	Pan
b. Capacity	600 / 400
c. Side & Bottom lining	Anti wear
d. Mixing & Side Scrapper Blade	Anti wear
<b>6 Cement / Fly Ash Weighing System</b>	Yes
Cement / Fly Ash Hopper Capacity	180 Kgs.
Vibrator Motor	1 No.
<b>7 Cement Screw Conveyor with Bag Hopper / Capacity</b>	Yes / 30 Bags
<b>8 Pneumatic System</b>	Yes
Air Compressor	3 HP
<b>9 - Micro Processor Base Control System</b>	Yes
<b>10 Water System</b>	Yes / 1000 Litrs.
Water Tank / Capacity	Yes
Water Pump	By Flow Meter(Volume)
Water Calibration	Yes
<b>11 Admixture</b>	Yes
Capacity	5.5 Ltr. Container
<b>12 Connected Load for Standard Plant - hp/kva</b>	56 / 80



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